

# Hifax EKF 212 D

Polypropylene  
LyondellBasell Industries

Message:

Hifax EKF 212 D high melt flow, halogen free flame retardant, UV-stabilized, filled, modified polypropylene resin has a unique balance of processability and weatherability. The product offers a good balance of high flexural modulus and good impact strength even at low temperature. Using common pre-treatment systems a good paintability is given if needed. It was designed for applications that undergo extended outdoor exposure. Typical applications by our ciustomers include residential siding panels. Hifax EKF 212 D is available in natural as well as custom coloured.

General Information			
Additive	Flame Retardant		
	UV Stabilizer		
Features	Flame Retardant		
	Good Impact Resistance		
	Good Moldability		
	Good Processability		
	Good Stiffness		
	Good Surface Finish		
	Good UV Resistance		
	Good Weather Resistance		
	Halogen Free		
	High Flow		
	High Stiffness		
	Low Temperature Impact Resistance		
	Paintable		
	Warp Resistant		
Uses	Construction Applications		
	Industrial Applications		
	Outdoor Applications		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133

Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	2.0	kJ/m <sup>2</sup>	
23°C	9.0	kJ/m <sup>2</sup>	

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#### Recommended distributors for this material

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